

Substitute for form 1449A/PTO

**INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT**

Sheet

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of

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**Complete If Known**

Application Number	10/084,827
Filing Date	February 27, 2002
First Name Inventor	C. Harry Knowles et al.
Group Art Unit	2876
Examiner Name	Thien Le
Attorney Docket Number	108-151USAN80

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
LM		6,296,187 B1		Shearer	10/02/2001	
		6,263,347 B1		Kobayashi et al.	07/17/2001	G06F 17/30
		6,257,490 B1		Tafoya	07/10/2001	
		6,230,975 B1		Colley et al.	05/15/2001	G06K 7/10
		6,223,988 B1		Batterman et al.	05/01/2001	G06K 7/10
		6,177,999 B1		Wurz et al.	01/23/2001	
		6,166,770		Yasuda	12/26/2000	H04N 5/232
		Re: 36,528		Roustaei	01/25/2000	G06K 7/10
		6,147,358		Hecht	11/14/2000	G06K 7/10
		6,137,577		Woodworth	10/24/2000	
LM		6,123,264		Li et al.	09/26/2000	G06K 7/10

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intr'l Class / Sub Class
		Number	Kind Code (if known)			
074		6,069,696		McQueen et al.	05/30/2000	
		6,064,629		Stringer et al.	05/16/2000	
		6,053,409		Brobst et al.	04/25/2000	G06K 7/10
		6,049,386		Stringer et al.	04/11/2000	
		5,991,041		Woodworth	11/23/1999	G01B 11/24
		5,988,506		Schabam et al.	11/23/1999	G06K 07/10
		5,986,745		Hermery et al.	11/16/1999	G01B 11/24
		5,984,186		Tafoya	11/16/1999	G06K 7/10
		5,979,760		Freyman et al.	11/09/1999	G06K 7/10
		5,969,823		Wurz et al.	10/19/1999	G01B 11/10
		5,923,428		Woodworth	07/13/1999	
		5,900,611		Hecht	05/04/1999	G006K 7/10
		5,889,550		Reynolds	03/30/2000	H04N 7/18

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
704		5,870,220		Midgal et al.	02/09/1999	G02B/026
		5,869,827		Rando	02/09/1999	G06K 7/10
		5,850,370		Stringer et al.	12/15/1998	
		5,831,220		Ramsden et al.	11/03/1998	G01G 9/00
		5,831,737		Stringer et al.	11/03/1998	
		5,814,802		Hecht et al.	09/29/1998	G06K 7/10
		5,786,582		Roustaei et al.	07/28/1998	G02B 26/08
		5,737,438		Zlotnick	04/07/1998	G06K 9/00
		5,717,919		Kodavalla et al.	02/10/1998	G06F 17/30
		5,710,417		Joseph et al.	01/20/1998	G06K 7/10
		5,699,161		Woodworth	12/16/1997	
		5,689,092		Wurz et al.	11/18/1997	G01G
704		5,672,858		Li et al.	09/30/1997	G06K 7/10

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intr'l Class / Sub Class
		Number	Kind Code (if known)			
bm		5,661,561		Wurz et al.	08/26/1997	G01B 11
		5,656,799		Ramsden et al.	08/12/1997	G01G 23/58
		5,634,124		Khoyi et al.	05/27/1997	G06F 9/40
		5,633,487		Schmutz et al.	05/27/1997	G06K 7/10
		5,621,203		Swartz et al.	05/15/1997	G06K 7.10
		5,615,003		Hermay et al.	03/25/1997	G01B 11/24
		5,600,119		Dvorkis et al.	02/04/1997	G06K 7/10
		5,596,745		Lai et al.	01/21/1997	G06F 17/30
		5,581,067		Grosfeld et al.	12/03/1996	G06K 7/10
		5,555,090		Schmutz	09/10/1996	G01B 5/04
		5,547,034		Wurz et al.	08/20/1996	G01B 5/04
		5,543,610		Bard et al.	08/06/1996	G01G 7/10
bm		5,532,467		Roustaei	06/02/1996	G06K 7/10

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intr'n'l Class / Sub Class
		Number	Kind Code (if known)			
ky		5,504,879		Eisenberg et al.	04/02/1996	G06F 17/30
		5,495,097		Katz et al.	02/27/1996	G06K 7/10
		5,448,727		Annevelink	09/05/1995	G06F 17/30
		5,412,198		Dvorkis	05/02/1995	G06K 7/10
		5,378,883		Batterman et al.	01/03/1995	G06K 7/10
		5,373,148		Dvorkis et al.	12/13/1994	G06K 7/10
		5,331,118		Jensen	07/19/1994	G01G 19/40
		5,329,103		Rando	07/12/1994	G02B 26/08
		5,319,185		Obata	06/07/1994	G06K 7/10
		5,319,181		Shellhammer et al.	06/07/1994	G06K 7/10
		5,296,690		Chandler et al.	03/22/1994	G06K/7
		5,280,165		Dvorkis et al.	01/18/1994	G06K 7/10
ky		5,224,088		Atiya	06/29/1993	G11B 7/00

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intr'l Class / Sub Class
		Number	Kind Code (if known)			
BY		5,220,536		Stringer et al.	06/15/1993	
		5,212,390		LeBeau et al.	05/18/1993	G01V 9/04
		5,193,120		Gamache et al.	03/09/1993	
		5,192,856		Schaham	03/09/1993	G06K 7/10
		5,168,149		Dvorkis et al.	12/01/1992	G06K 7/10
		5,136,145		Karney	08/04/1992	G06K 13/00
		5,080,456		Katz et al.	01/14/1992	G02B 26/10
		5,076,690		deVos et al.	12/31/1991	G01B 11/26
		4,979,815		Tsikos	12/25/1990	G01C 3/00
		4,958,894		Knowles	09/25/1990	G02B 26/10
		4,904,034		Narayan et al.	02/27/1990	G02B 26
		4,900,907		Matusima et al.	02/13/1990	
PO		4,826,299		Powell	05/02/1989	G02B 13/18

# U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
BR		4,717,241		Aagano	01/05/1988	G02B 7/18
		4,687,325		Corby	08/18/1987	G01C 3/00
		4,632,501		Glynn	12/30/1986	G02B 26/10
		4,580,894		Wojeik	04/08/1986	G01P 3/36
		4,387,297		Swartz et al.	06/07/1983	G06K 9/24
		4,333,006		Gorin et al.	06/01/1982	G06K 7/10
		4,063,287		van Rosmalen	12/13/1977	H04N 5/76
		4,044,283		Allison	08/23/1977	H02K 33/00
		3,947,816		Rabedeau	03/30/1976	G06K/7
BR		3,671,766		Howe	06/20/1972	G02K 33/18

PUBLICATIONS		
Examiner Initials	Cite No.	Description
by		Product Brochure For Model 120 LIVAAR Short Wave IR Gated Camera Specification by Intevac Corporation, Santa Clara CA, 2001
		Weblink to NEW LIVAR IMAGERY by Intevac Corporation, Santa Clara CA, 2001
		Product Brochure for Lasiris SNF Laser by StockerYale Corporation, Salem NH, 2001
		Product Brochure for AV3700 High Speed CCD Bar Code Reader by Accu-Sort Systems, Inc., Telford, PA 2001
		Product Brochure for DALSA IT-PA Image Sensors by Dalsa, Inc., Waterloo, Ontario, CA, 2000.
		Product Brochure for KAF-4202 SERIES by Eastman Kodak Company, Rochester NY, 2000.
		User's Manual for Piranha CT-P4, CL-P4 Camera from Dalsa, Inc., Waterloo, Ontario, CA 2000.
		Product Brochure for Sony ICX085AL 2/3-inch Progressive Scan CCD Image Sensor from Sony Corp., 2000.
		Product Brochure for ML1XX6 Series Laser Diodes for Optical Information Systems by Mitsubishi Electric, 1999.
		Web-based Product Brochure for the Accu-Sort Tunnel Scanning System, <a href="http://www.accusort.com/mktg/as01.html">http://www.accusort.com/mktg/as01.html</a> , 2001, pages 1-2.
		Product Brochure for "The MINI-X" by Accu-Sort, Inc., Telford, PA, January 1998, pages 1-2.
		Scientific Publication entitled "Omni-Scan Tunnel" by the U.S. Postal Service, January 12, 1997, pages 1-18.
		Scientific Publication entitled "Dimensioning the Right Way: Reliably" by Cargoscan A/S, September 10, 1998, pages 1-16.

FOREIGN PATENT DOCUMENTS								
Examiner Initials		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class	T
		Number	Kind Code (if known)					
LM		PCT	WO 01/71419 A2		Hecht	09/27/2001	G03B	
		PCT	WO 01/72028 A1		Accu-Sort Systems, Inc.;	09/27/2001	H04N 1/028	
		PCT	WO 00/75856		Metrologic Instruments, Inc.	12/14/2000	G06K 7/10	
		US	60/190,273		Brobst	05/29/2001		
		PCT	WO 99/64980		Symbol Technologies	12/16/1999	G06K 7/10	
		PCT	WO 97/22082		Adaptive Optics Associates, Inc.	06/19/1997	G06K 7/10	
LM		GB	GB 2 189 594 A		Integrated Photomatrix Ltd.	10/28/1987	G01B 11/00	

EXAMINER

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11/14/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT – SECTION 9 PTO-1449)